SOTI Weather App Guide

To create a new app using Grid view -

1. From the App manager, create a new app

2. In "Grid view / App layout", select the desired grid layout

3. If you select any grid view option with more than one grid, you can rotate the grid by clicking on the S icon at the top right corner

CREATE STANDARD APP	
Icon	\$
Name [*]	e.g. My First App
Description	Describe the intended usage of the app.
Theme	#044D7C
Font*	Roboto-Regular V
Gridview / App Layout	
App Background	Upload image for the app background Select background
	CANCEL SAVE AND CONTINUE

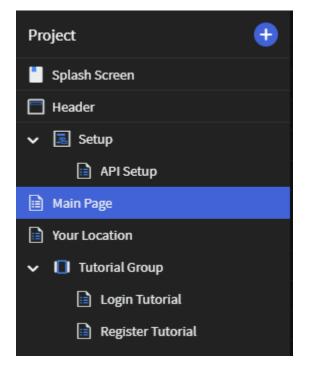
To add a new page that uses Grid view -

- 1. Click on the add icon 🕒 as to add a new page
- 2. A popup screen appears, enter a Name select Page. Next select if you want to add a grid view or not. Multiple grid view options are available
- 3. Click on the Add button

ADD APP COMPONEN	ITS				
Choose type					
Form	Al Form Builder	⊘ Page		WebPage	Hamburger Menu
Name [*]			Grid view		
Gridview / Page Layout			NO GRID		
				CA	NCEL ADD

Using Grid view -

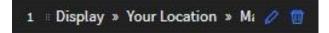
1. Click on the Main page in Project



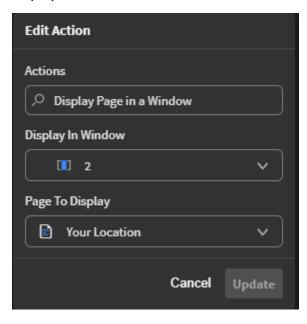
2. Click on On Load in the Navigator

Navigator		
📄 Main Pag	<i>j</i> e	~
Search		
Sort widgets:	By order	~
Main Page Prop	oerties	
On Load		
Display	/ Page in a Wind	low≻…
🚺 Main Page	_layout	
abe label203		

3.Click on the kicon when hovering over the Display Action

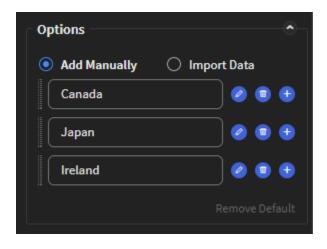


4. The page windows are then labelled, and you can choose which of your pages should be displayed in each one



Adding new location to the dropdown menu -

- 1. Click on the office dropdown
- 2. Click on the 🛄 icon in the Drop-Down Properties



3. Click on the *location beside your new location to change its information, which we will rename from "Option 4" to "Dubai" for this example*

Edit	
Display Text*	
Canada	
Unique ID*	
Choice_v9Cq	
O Set Default	Cancel Save

Make a copy of any of the current offices -

1. Click on any of the current location sections

- 2. Click on the ¹ icon on the bottom right of the selected location
- 3. Rename the widgets of your new location so that they are easily identifiable

Change the background of your new location by clicking on "Replace Image" in the Section Properties of your new location

Background		• •
Fill	Scale	
<i>🔊</i> 🖂	Fit	~
Replace Image		
 Widget Alignment Position 		•
Rules 1 Visibility Rule		•

To make your section only visible when selected -

- 1. In the Section Properties of your new location, click on Visibility Rule
- 2. Change the Value to the name of your new location

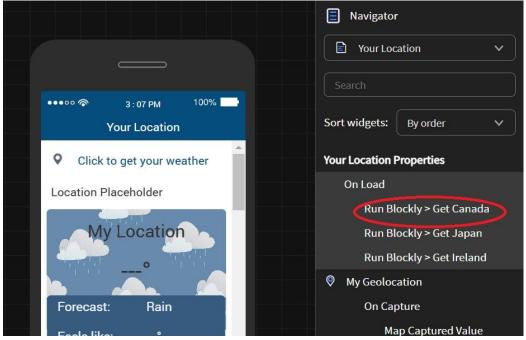
SET VISIBILITY RULE Show the selected widget when any of the following condition(s) meet: Field Operator Value Location C Equal to C Canada Add Condition C Reset LOCATION C RESE			
Field Operator Value Location Canada	SET VISIBILITY RULE		
Location V Equal to V Canada + Add Condition C Reset	Show the selected widget when \frown any \checkmark of the following condition(s) meet:		
+ Add Condition C Reset	Field Operator Value		
	Location V Equal to V Canada		
CANCEL SAVE	+ Add Condition C Reset		
CANCEL SAVE			
		CANCEL	SAVE

Setting up the API -

1. Create an https://home.openweathermap.org/ account

2. Go to "API Keys", generate a new key, and copy it to your clipboard

3. Paste it in the following Blockly scripts in place of "API Key" at the end of each url: Get Canada, Get Japan, Get Ireland, Your Location





Switching from metric (C°) to Imperial (F) units -

1. To switch between units, change the value of the "units" key in the REST API URLs from "metric" to "Imperial":

https://api.openweathermap.org/data/2.5/weather?lat=43.612590&lon=-79.754210&units=imperial & appid= API Key

<section-header> 🛩 Rest Ge</section-header>	t ▼ lat ▼ "&lo	n=" nits=metrickappid=API Key"
Authentication	Headers	QueryString
username 🤎		
password "		

Getting the weather information about your new location -

1. In the Navigator, click on OnLoad

Navigator		
Your Location V		
Search		
Sort widgets: By order V		
Your Location Properties		
On Load		
Run Blockly > Get Canada		
Run Blockly > Get Japan		
Run Blockly ≻ Get Ireland		

2. Click on the Line icon in Actions, select "Run Blockly" from the options, and then Blockly Editor

Page Properties	Format	Events	
General			
Events			
On Load			~
Actions			+
Sequence of def	fined actions	\$	
1 # Run Bloc	kly » Get C	anada	
2 # Run Bloc	kly » Get Ja	apan	
3 # Run Bloc	kly » Get Ir	eland	
		Rer	nove All

3. Name your blockly script, and use the url below to make the REST calls, replacing, the latitude and longitude with the ones of:

https://api.openweathermap.org/data/2.5/weather?lat=Your Latitude&lon=Your Longitude&units=metric&appid=Your API Key 4. Finally, use the "Set label" blocks to replace the labels of your location section with the returned information

Previewing the app

1. To see a preview of the app, click on the 🙆 icon

		මි 🚀 🛕 🛛 🕫 Fernando De	eSousa ∽
		Geo Location Properties Format	Events
	Navigator	General	
	Your Location V	Edit Action	
100%	Search	Actions	
ion	Sort widgets: By order V	, Run Blockly	
^	V	Get Location	
weather ;	Your Location Properties		
	On Load	Cancel	Update
	Run Blockly > Get Canada		
on	Run Blockly > Get Japan		

2. From the Preview options, choose either - The default device skin or a skin template by choosing the device manufacturer and model

PREVIEW OPTIONS	
O Use default skin	O Use skin template
Manufacturer	
,O Search	
Model	
, Search	
	CANCEL PREVIEW
PREVIEW OPTIONS	
PREVIEW OPTIONS	O Use skin template
	O Use skin template
O Use default skin	O Use skin template
O Use default skin Manufacturer	O Use skin template
O Use default skin Manufacturer O ACD	O Use skin template

Publishing the app –

1. To publish the app, click on the 🜌 icon

S UPGRADE	•	🐼 🛆 🗉	FD Ferna	indo DeSousa	~
		Page Properties	Format	Events	
Navigator		General			•
Your Location	~]	ID*			
Search		screen1			
		Name*			

2. Fill out the page and click publish. For more information, click on the 🔘 icon

\$	PUBLISH Marketplace App		0
s	Settings		
E	nvironments	Production	
	Device Groups	÷	
	NO DEVICE GROUPS ADDED Start adding items by clicking the add button		
	pp Version [*] ast published version: None	1 🗘 Major 0 🗘 Minor	
В	uild Number		
N	lotes		
D	ata Sync Settings 🕐		
C	Upload data to server(1-way)	O Sync data between device and server(2- way)	
	Delete synced data from device		
	etain records o records available		
c	reate shortcut(Android only)		
		CANCEL PUBLI	SH